

=====

Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed Oct 10 13:45:14 EDT 2007

=====

Reviewer Comments:

<210> SEQ ID NO 1

<211> LENGTH: 1512

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<400> SEQUENCE: 1

Please do not insert alpha-numeric headings. Also check for the
subsequent errors throughout the sequences.

Application No: 10597945

Version No: 1.0

Input Set:

Output Set:

Started: 2007-09-24 22:12:16.977

Finished: 2007-09-24 22:12:18.027

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 50 ms

Total Warnings: 19

Total Errors: 0

No. of SeqIDs Defined: 30

Actual SeqID Count: 30

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
W 213	Artificial or Unknown found in <213> in SEQ ID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
W 213	Artificial or Unknown found in <213> in SEQ ID (23)
W 213	Artificial or Unknown found in <213> in SEQ ID (24)
W 213	Artificial or Unknown found in <213> in SEQ ID (25)
W 213	Artificial or Unknown found in <213> in SEQ ID (26)
W 213	Artificial or Unknown found in <213> in SEQ ID (27)
W 213	Artificial or Unknown found in <213> in SEQ ID (28)
W 213	Artificial or Unknown found in <213> in SEQ ID (29)
W 213	Artificial or Unknown found in <213> in SEQ ID (30)

<110> APPLICANT: Korea Research Institute of Bioscience and Biotechnology
 KWAK, Sang-Soo
 KWON, Suk-Yoon
 LEE, Haeng-Soon
 RYU, Sun-Hwa

<120> TITLE OF INVENTION: Multiple stress-inducible peroxidase promoter derived from
 Ipomoea batatas

<130> FILE REFERENCE: 58049-00035

<140> CURRENT APPLICATION NUMBER: US/10/597,945A

<141> CURRENT FILING DATE: 2006-08-11

<150> PRIOR APPLICATION NUMBER: PCT/KR2004/000381

<151> PRIOR FILING DATE: 2004-02-24

<160> NUMBER OF SEQ ID NOS: 30

<170> SOFTWARE: KopatentIn 1.71

<210> SEQ ID NO 1

<211> LENGTH: 1512

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<400> SEQUENCE: 1

atggcttctct	ttgtcactcg	gctcagcctg	gcccttagct	tcatcgccct	agccctagct	60
ggcttctcca	tttaccagaa	taccatata	gccatgaaag	ggcagcttaa	gctcacccca	120
aagtggctgc	tagacaacac	tctagagtcg	tcagtggccg	acgtgctctc	actacgccta	180
ggcatctct	ccggcaagct	ttccgacgaa	gactgcatat	tctccgccgt	taaggaagtg	240
gtggacgccg	ccattgatgc	agaaacccgc	atgggtgctt	ccctcattcg	cctcttcttc	300
catgactgct	ttgttgatgt	acgtacgcta	attttgtacg	atgatgtttt	tttttttttt	360
tttttttttc	ccactgcatt	atattaggaa	attaaacaga	ttgaaatgtg	tgttattaat	420
gtattatctg	cagggttgtg	acgcaggtct	tctactaaac	gatacaccta	ctttcaccgg	480
agaacagacc	gccggcggca	ataataactc	agtcagaggt	tttgaggtga	tacaacaagc	540
taaagagaat	gtgataacca	aatgtcccta	catacaagta	tcttggtgccg	acatcttata	600
cattgctgcc	cgtgattctt	tccagagagt	aagtccattt	atttctaaag	gttgaaatta	660
ataagaacaa	gaatccaaac	aaataacaga	cagtaaaaaa	aaaagattta	tgtgggttga	720
caatatgttg	aaattgtttt	tatatttaat	gactagtatt	tatgcattat	atztatatgc	780
aactctaaac	atgcagttta	ctggagaaac	gtacaccgtg	actctgggaa	gactcgatgc	840
aagaacggcg	aaccttaccg	gagctaacac	ccaactcgtc	ggaccaaacg	aggaattggc	900
atcgcaagtc	gagaaatttg	cggcgaaaag	gttctccgaa	acggagctag	tcgccttggt	960
aggtgttcac	acggttgggt	tttcgagatg	tccgctttta	tgcgttccca	ttttcatcaa	1020
tcccgcgccg	gcctccacgc	tgcaatgcaa	ctgtccggtg	agtcgccgac	acaccgggct	1080
ggtgggcctg	gacccactc	cgttgacgtg	ggaccaaagt	ttttactccg	acgtggctaa	1140
cggacaaggg	cttctgttct	ccgacaacga	gctgatgaat	agcaaacacca	ccagcgccgc	1200
cgttaggagg	tacagggacg	agatggacgc	ttttctcgcc	gatttcgccg	ccgccatggt	1260
gaagatgagc	ctcctgccgc	cgtcccccg	agtggagctc	gaaatccgag	aggtttgcag	1320
cgaggtgaat	gccaacacag	ttgcatccat	gtgaagtctg	ttcccatcga	catcaataac	1380
gtctgtgatt	ctgtgaaagt	tttactcgga	ctgtgaagaa	ttttcacttt	ctgttgtttc	1440
tgaataaaaa	aagatttttt	ttttatgtcc	taacaaaact	tgtattactg	aataaaaattt	1500
ataaaattgt	ta					1512

<210> SEQ ID NO 2

<211> LENGTH: 110

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<220> FEATURE:

<221> NAME/KEY: promoter

<222> LOCATION: (1)..(110)

<223> OTHER INFORMATION: -110 deletion promoter

<400> SEQUENCE: 2

tttccctttc	aagttctcta	tttaaggaag	cctgagaagc	cattaatcct	catcatcagc	60
------------	------------	------------	------------	------------	------------	----

tcgaccactc atttcttctt catacttcct ttgtgtgat aatcatcatc 110

<210> SEQ ID NO 3

<211> LENGTH: 177

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<220> FEATURE:

<221> NAME/KEY: promoter

<222> LOCATION: (1)..(177)

<223> OTHER INFORMATION: -177 deletion promoter

<400> SEQUENCE: 3

aaattaaatc tcagtttgct ttattatatt attatcaaca ataataattt aatactgac	60
gaagaacttt cctttcaag ttctctattt aaggaagcct gagaagccat taatcctcat	120
catcagctcg accactcatt tcttcttcat acttccttg ctgtgataat catcatc	177

<210> SEQ ID NO 4

<211> LENGTH: 306

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<220> FEATURE:

<221> NAME/KEY: promoter

<222> LOCATION: (1)..(306)

<223> OTHER INFORMATION: -306 deletion promoter

<400> SEQUENCE: 4

taaggtgttt tatcgtggca gcatgagtg atgacaaacg catatattat tattaaaaca	60
aaatagtact ccaatcataa taaattatct tatattatat tgccaacaat taaaaattca	120
aattagaaca aattaaatct cagtttgctt tattatatta ttatcaacaa taataattta	180
atactgatcg aagaactttc cctttcaagt tctctattta aggaagcctg agaagccatt	240
aatcctcatc atcagctcga ccactcatct cttcttcata cttcctttgc tgtgataatc	300
atcatc	306

<210> SEQ ID NO 5

<211> LENGTH: 366

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<220> FEATURE:

<221> NAME/KEY: promoter

<222> LOCATION: (1)..(366)

<223> OTHER INFORMATION: -366 deletion promoter

<400> SEQUENCE: 5

tagtataatg aaataaagtt aatcattctc tatatttgat gatggtaatt agtatcatgg	60
taaggtgttt tatcgtggca gcatgagtg atgacaaacg catatattat tattaaaaca	120
aaatagtact ccaatcataa taaattatct tatattatat tgccaacaat taaaaattca	180
aattagaaca aattaaatct cagtttgctt tattatatta ttatcaacaa taataattta	240
atactgatcg aagaactttc cctttcaagt tctctattta aggaagcctg agaagccatt	300
aatcctcatc atcagctcga ccactcatct cttcttcata cttcctttgc tgtgataatc	360
atcatc	366

<210> SEQ ID NO 6

<211> LENGTH: 433

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<220> FEATURE:

<221> NAME/KEY: promoter

<222> LOCATION: (1)..(433)

<223> OTHER INFORMATION: -433 deletion promoter

<400> SEQUENCE: 6

atggtgactt	aaagggtga	atccaacata	tattctgaca	tttaaaaatg	ctaacgtacg	60
gttagattag	tataatgaaa	taaagttaat	cattctctat	atttgatgat	ggtaattagt	120
atcatggtaa	gggtgtttat	cgtggcagca	tgagtgcacg	acaaacgcac	atattattat	180
taaaacaaaa	tagtactcca	atcataataa	attatcttat	attatattgc	caacaattaa	240
aaattcaaat	tagaacaaat	taaatctcag	tttgctttat	tatattatta	tcaacaataa	300
taatttaata	ctgatcgaag	aactttccct	ttcaagttct	ctatttaagg	aagcctgaga	360
agccattaat	cctcatcatc	agctcgacca	ctcatttctt	cttcatactt	cctttgctgt	420
gataatcatc	atc					433

<210> SEQ ID NO 7
 <211> LENGTH: 818
 <212> TYPE: DNA
 <213> ORGANISM: Ipomoea batatas
 <220> FEATURE:
 <221> NAME/KEY: promoter
 <222> LOCATION: (1)..(818)
 <223> OTHER INFORMATION: -818 deletion promoter
 <400> SEQUENCE: 7

gcttcacgca	ctcaactagt	cacatctttc	caggcaaaaat	ttacttttct	atgaatatga	60
gaagtccat	ctatggaaat	aacggattat	ttatctaatt	ttcaaattct	atatatatag	120
tctcgagtgg	aacaaaaata	gaactaat	gaacaaatca	aagtctaaga	aaataataca	180
tgcttttagc	gcaaaaaata	gaatggtagt	atacttaatc	ctcatcatag	tcttcaaccc	240
tgcatatagc	acacttaaca	ttttatattc	aaatataact	taatttagtc	atgataatac	300
aactcaccta	ctccattata	gccgataata	caactcacct	agctactcca	ttatagtcca	360
acaatatcaa	atgaataaaa	tagtaatggt	gacttaaagg	gctgaatcca	acatatattc	420
tgacatttaa	aaatgctaac	gtacggttag	attagtataa	tgaaataaag	ttaatcattc	480
tctatatttg	atgatggtaa	ttagtatcat	ggtaagggtg	tttatcgtgg	cagcatgagt	540
gcacgacaaa	cgcatatatt	attattaaaa	caaaatagta	ctccaatcat	aataaattat	600
cttatattat	attgccaaaca	attaaaaatt	caaattagaa	caaattaaat	ctcagtttgc	660
tttattatat	tattatcaac	aataataatt	taatactgat	cgaagaactt	tccctttcaa	720
gttctctatt	taagggaagcc	tgagaagcca	ttaatcctca	tcacagctc	gaccactcat	780
ttctttcttca	tacttccttt	gctgtgataa	tcacatc			818

<210> SEQ ID NO 8
 <211> LENGTH: 1199
 <212> TYPE: DNA
 <213> ORGANISM: Ipomoea batatas
 <220> FEATURE:
 <221> NAME/KEY: promoter
 <222> LOCATION: (1)..(1199)
 <223> OTHER INFORMATION: -1199 deletion promoter
 <400> SEQUENCE: 8

atgcagggtg	aaagtaagat	tgaatatact	gatactacaa	ttaactaatg	ataaagtata	60
acttttgtaa	aaaatttgat	tttttttttt	gatgaattca	tatactccaa	agatttttct	120
catttaatta	aatttctatc	ctcatgttga	acccattaat	cgaataattg	acatataga	180
taaacttagc	catcatatga	catttgatca	tgattgatga	tttttaaaaa	ataaaaacaa	240
aattatgaaa	gggtaatgaa	atatttttaa	aaaattatgt	aaacctgtga	atctagttaat	300
ctgtacaata	ataattttgt	ttcaactaag	aggatgttgg	caaaagtata	attaaacttg	360
tgatcttcgt	acaataatta	tgcttcacgc	actcaactag	tcacatcttt	ccaggcaaaa	420
tttacttttc	tatgaatatg	agaagttcca	tctatggaaa	taacggatta	tttatctaatt	480
tttcaaattc	tatatatata	gtctcgagtg	gaacaaaaat	agaactaatt	tgaacaaatc	540
aaagtctaag	aaaataatac	atgcttttagc	agcaaaaaata	agaatggtac	tatacttaat	600
cctcatcata	gtcttcaacc	ctgcatatag	cacacttaac	attttatatt	caaatatact	660
ttaatttagt	catgataata	caactcacct	actccattat	agccgataat	acaactcacc	720
tagctactcc	attatagtcc	aacaatatca	aatgaataaa	atagtaatgg	tgacttaaaag	780
ggctgaatcc	aacatatatt	ctgacattta	aaaatgctaa	cgtacggtta	gattagtata	840
atgaaataaa	gttaatcatt	ctctatattt	gatgatggta	attagtatca	tggttaagggtg	900

ttttatcgtg	gcagcatgag	tgcatgacaa	acgcatatat	tattattaaa	acaaaatagt	960
actccaatca	taataaatta	tcttatatta	tattgccaac	aattaaaaat	tcaaattaga	1020
acaaaataaa	tctcagtttg	ctttattata	ttattatcaa	caataataat	ttaatactga	1080
tcgaagaact	ttccctttca	agttctctat	ttaaggaagc	ctgagaagcc	attaatcctc	1140
atcatcagct	cgaccactca	tttcttcttc	atacttcctt	tgctgtgata	atcatcatc	1199

<210> SEQ ID NO 9

<211> LENGTH: 1467

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<220> FEATURE:

<221> NAME/KEY: promoter

<222> LOCATION: (1)..(1467)

<223> OTHER INFORMATION: -1467 deletion promoter

<400> SEQUENCE: 9

ggctgtccgg	aattctgtct	ctctggacca	gttttggcaa	acaattttga	aaccacactt	60
atactactcc	aaaaattatg	aaatttttat	ggtagcttct	acacttatag	aactacatgt	120
ataaaaaata	ttgggtcaaa	ataccttacc	gatttttccc	aaatattcac	ggaacttact	180
gccagaatct	accctgcttt	ttcctttcac	tattttcaca	actataagca	tatatgggca	240
taaatatgac	atgaacatgc	atgaaccaat	gcagggtgaa	agtaagattg	aatatactga	300
tactacaatt	aactaatgat	aaagtataac	ttttgtaaaa	aatttgattt	ttttttttga	360
tgaattcata	tactccaaag	attttctcca	tttaattaaa	tttctatcct	catgttgaac	420
ccattaatcg	aataattgac	atattagata	aacttagcca	tcatatgaca	tttgatcatg	480
attgatgatt	tttaaaaaat	aaaaacaaaa	ttatgaaagg	gtaatgaaat	attttaaaaa	540
aattatgtaa	accctgtaat	ctagttaatc	gtacaataat	aattttgttt	caactaagag	600
gatgttggca	aaagtataat	taaacttggt	atcttcgtac	aataattatg	cttcacgcac	660
tcaactagtc	acatctttcc	aggcaaaaat	tacttttcta	tgaatatgag	aagttccatc	720
tatggaaata	acggattatt	tatctaattt	tcaaattcta	tatatatagt	ctcgagtggg	780
acaaaaatag	aactaatttg	aacaaatcaa	agtctaagaa	aataatacat	gcttttagcag	840
caaaaataag	aatggtaact	tacttaatcc	tcatcatagt	cttcaaccct	gcataatagc	900
cacttaacat	tttatattca	aataactttt	aatttagtca	tgataataca	actcacctac	960
tccattatag	ccgataatac	aactcaccta	gctactccat	tatagtccaa	caatatcaaa	1020
tgaataaaat	agtaatgggt	acttaaaggg	ctgaatccaa	catatattct	gacattttaa	1080
aatgctaacg	tacggttaga	ttagtataat	gaaataaagt	taatcattct	ctatatattga	1140
tgatggtaat	tagtatcatg	gtaagggtgt	ttatcgtggc	agcatgagtg	catgacaaac	1200
gcataatatta	ttattaaaac	aaaatagtac	tccaatcata	ataaattatc	ttatatatta	1260
ttgccacaaa	ttaaaaatcc	aaattagaac	aaattaaatc	tcagtttgct	ttattatatt	1320
attatcaaca	ataataattt	aatactgatc	gaagaacttt	ccctttcaag	ttctctattt	1380
aagggaagcct	gagaagccat	taatcctcat	catcagctcg	accactcatt	tcttcttcat	1440
acttcctttg	ctgtgataat	catcatc				1467

<210> SEQ ID NO 10

<211> LENGTH: 1934

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<220> FEATURE:

<221> NAME/KEY: promoter

<222> LOCATION: (1)..(1934)

<223> OTHER INFORMATION: -1934 deletion promoter

<400> SEQUENCE: 10

ttgccatctc	accacttcgt	cttaaacaaat	ctaggatatt	cttagatatt	cttcatactc	60
aagtctcaca	cttgaaatca	atcaagactc	ttacactaac	aattcctcaa	tatacctcat	120
aatatcatct	ctacttaaac	tagagagatt	tccaactctc	aattaatcac	caaaggtaac	180
tctccaaata	tccaaatgga	aggtttcaac	ttccaaacta	ataccaaacc	aaccggacta	240
atcataatca	tattcataat	cataaattgt	ttctaactgc	ccctgtccag	aaattacagt	300
tttgccgagt	ccgaaagatt	gagccggtaa	caatagttcc	cgaactcttt	ttcacttgaa	360
atttttatgg	tagaacctca	acttatagta	cttgatatcc	ataaaaagtt	ttggtcacct	420

aggttcacga	attaacacag	aaaattacat	ctttgccctt	ggcagtgggc	tgtccggaat	480
tctgtctctc	tggaccagtt	ttggcaaaca	attttgaaac	cacacttata	ctactccaaa	540
aattatgaaa	tttttatggt	agcttctaca	cttatagaac	tacatgtata	aaaaatattg	600
ggtcaaaata	ccttacccgat	ttttcccaaa	tattcacgga	acttactgcc	agaatctacc	660
ctgctttttc	ctttcactat	tttcacaact	ataagcatat	atgggcataa	atatgacatg	720
aacatgcatg	aaccaatgca	gggtgaaagt	aagattgaat	atactgatac	tacaattaac	780
taatgataaa	gtataacttt	tgtaaaaaat	ttgatttttt	tttttgatga	attcatatac	840
tccaaagatt	ttcctcatct	aattaaattt	ctatcctcat	gttgaaccca	ttaatcgaat	900
aattgacata	ttagataaac	ttagccatca	tatgacattt	gatcatgatt	gatgattttt	960
aaaaaataaa	aacaaaatta	tgaaggggta	atgaaatatt	ttaaaaaaat	tatgtaaacc	1020
ctgtaatcta	gtaatctgta	caataataat	tttgtttcaa	ctaagaggat	gttggcaaaa	1080
gtataattaa	acttgtgatc	ttcgtacaat	aattatgctt	cacgcactca	actagtccaa	1140
tctttccagg	caaaatttac	ttttctatga	atatgagaag	ttccatctat	ggaaataacg	1200
gattattttat	ctaattttca	aattctatat	atatagtctc	gagtgggaaca	aaaatagaac	1260
taatttgaac	aatcaaaagt	ctaagaaaat	aatacatgct	ttagcagcaa	aaataagaat	1320
ggtactatac	ttaatcctca	tcatagtctt	caaccctgca	tatagcacac	ttaacatttt	1380
atattcaaat	atactttaat	ttagtcatga	taatacaact	cacctactcc	attatagccg	1440
ataatacaac	tcacctagct	actccattat	agtccaacaa	tatcaaatga	ataaaatagt	1500
aatggtgact	taaagggctg	aatccaacat	atattctgac	atttaaaaaat	gctaacgtac	1560
ggttagatta	gtataatgaa	ataaagttaa	tcattctcta	tatttgatga	tggttaattag	1620
tatcatggta	aggtgtttta	tcgtggcagc	atgagtgcac	gacaaacgca	tatattatta	1680
ttaaaacaaa	atagtactcc	aatcataata	aattatctta	tattatattg	ccaacaatta	1740
aaaattcaaa	ttagaacaaa	ttaaatctca	gtttgcttta	ttatattatt	atcaacaata	1800
ataatttaaat	actgatcgaa	gaactttccc	tttcaagttc	tctattttaag	gaagcctgag	1860
aagccattaa	tcctcatcat	cagctcgacc	actcatttct	tcttcatact	tcctttgctg	1920
tgataatcat	catc					1934

<210> SEQ ID NO 11

<211> LENGTH: 2433

<212> TYPE: DNA

<213> ORGANISM: Ipomoea batatas

<220> FEATURE:

<221> NAME/KEY: promoter

<222> LOCATION: (1)..(2433)

<223> OTHER INFORMATION: -2433 promoter

<400> SEQUENCE: 11

cctcatggag	tattctcata	actctcttca	gtatgaatga	atcatacaat	acaacgcagc	60
gacgaataga	cttcgccctg	aactagacat	acgacaacat	agccaccata	cgggaaaggc	120
acttcaagct	ctttatcccg	taggctgcaa	caacataacg	acataacgac	cactgggcaa	180
gggcattttac	agccaccctg	gggtcaatca	aggctctcct	cactcacttt	agaaactaag	240
ggtttgaaaa	catgatcttt	ccttcagttt	ttcttacaac	aaatcattca	ctttggacac	300
atttcacaaat	tgagtccaat	acttaaaccg	gctacttcat	tagcccctga	aggattttta	360
aaaaaacttt	cactgcccgc	aggctcttca	aacatctttt	cctcattatc	aagtgaggca	420
ttttcctcaa	aagtaagggt	ttgacaacct	ttatatcaaa	atagcatacg	tttttcaacg	480
taagtttcat	aacatttact	tgccatctca	ccacttcgtc	ttaaacaatc	taggatattc	540
ttagatattc	ttcatactca	agtctcacac	ttgaaatcaa	tcaagactct	tacactaaca	600
attcctcaat	atacctcata	atatcatctc	tactttaaact	agagagattt	ccaactctca	660
attaatcacc	aaaggtaaact	ctccaaatat	ccaaatggaa	ggtttcaact	tccaaactaa	720
taccaaacca	accggactaa	tcataatcat	attcataatc	ataaattggt	tctaactgcc	780
cctgtccaga	aattacagtt	ttgcgcagtc	cgaaagattg	agccggtaac	aatagttccc	840
gaactctttt	tcacttgaaa	tttttatggt	agaaccctaa	cttatagtac	ttgatatcca	900
taaaaagttt	tggtcaccta	ggttcacgaa	ttaacacaga	aaattacatc	tttgcccttg	960
gcagtgggct	gtccggaatt	ctgtctctct	ggaccagttt	tggcaaacaa	ttttgaaacc	1020
acacttatac	tactccaaaa	attatgaaat	ttttatggta	gcttctacac	ttatagaact	1080
acatgtataa	aaaatattgg	gtcaaaatac	cttaccgatt	tttcccaaat	attcacggaa	1140
cttactgcca	gaatctaccc	tgctttttcc	tttcaactat	ttcacacta	taagcatata	1200
tgggcataaa	tatgacatga	acatgcatga	accaatgcag	ggtgaaagta	agattgaata	1260

tactgatact	acaattaact	aatgataaag	tataactttt	gtaaaaaatt	tgattttttt	1320
ttttgatgaa	ttcatatact	ccaaagattt	tcctcattta	attaaatttc	tatcctcatg	1380
ttgaacccat	taatcgaata	attgacatat	tagataaact	tagccatcat	atgacatttg	1440
atcatgattg	atgattttta	aaaaataaaa	acaaaattat	gaaagggtaa	tgaaatattt	1500
taaaaaaatt	atgtaaacc	tgtaatttag	taatctgtac	aataataatt	ttgtttcaac	1560
taagaggatg	ttggcaaaag	tataattaaa	cttgtgatct	tcgtacaata	attatgcttc	1620
acgcactcaa	ctagtccat	ctttccaggc	aaaatttact	tttctatgaa	tatgagaagt	1680
tccatctatg	gaaataacgg	attatttatc	taattttcaa	attctatata	tatagtctcg	1740
agtggaacaa	aaatagaact	aatttgaaca	aatcaaagtc	taagaaaata	atacatgctt	1800
tagcagcaaa	aataagaatg	gtactatact	taatcctcat	catagtcttc	aaccctgcat	1860
atagcacact	taacatttta	tattcaaata	tactttaatt	tagtcatgat	aatacaactc	1920
acctactcca	ttatagccga	taatacaact	cacctagcta	ctccattata	gtccaacaat	1980
atcaaataaa	taaaatagta	atggtgactt	aaagggctga	atccaacata	tattctgaca	2040
tttaaaaatg	ctaacgtacg	gttagattag	tataatgaaa	taaagttaat	cattctctat	2100
atttgatgat	ggtaattagt	atcatggtaa	gggtgtttat	cgtggcagca	tgagtgcatt	2160
acaaacgcac	atattattat	taaaacaaaa	tagtactcca	atcataataa	attatcttat	2220
attatattgc	caacaattaa	aaattcaa	tagaacaat	taaatctcag	tttgctttat	2280
tatattatta	tcaacaataa	taatttaata	ctgatcgaag	aactttccct	ttcaagttct	2340
ctattttaagg	aagcctgaga	agccattaat	cctcatcatc	agctcgacca	ctcatttctt	2400
cttcatactt	cctttgctgt	gataatcatc	atc			2433

```

<210> SEQ ID NO 12
<211> LENGTH: 26
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: GSP1 promoter
<400> SEQUENCE: 12
ctgagccgag tgacaaagga agccat
26

```

```

<210> SEQ ID NO 13
<211> LENGTH: 22
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: AP1 promoter
<400> SEQUENCE: 13
gtaatacgac tcactatagg gc
22

```

```

<210> SEQ ID NO 14
<211> LENGTH: 25
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: GSP2 promoter
<400> SEQUENCE: 14
cacagcaaag gaagtatgaa gaagc

```